

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/03673

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L51/20 H01L21/336 H01L29/786

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 36 897 C (INFINEON TECHNOLOGIES AG) 3 January 2002 (2002-01-03)	1
A	figures 1a-1c	2
P,X	US 6 515 325 B1 (DUESMAN KEVIN G ET AL) 4 February 2003 (2003-02-04)	1
P,A	figures 4a-af	2,7,8
A	US 2002/001905 A1 (CHOI WON-BONG ET AL) 3 January 2002 (2002-01-03) the whole document	1,2
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

17 May 2004

Date of mailing of the international search report

26/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ENGELHARDT R ET AL: "Growth of compound semiconductors in nanometer sized channels of polymers"</p> <p>2001, WARRENDALE, PA, USA, MATER. RES. SOC, USA, 17 April 2001 (2001-04-17), - 20 April 2001 (2001-04-20) pages 08.8.1-6, XP008030799</p> <p>ISBN: 1-55899-608-7</p> <p>the whole document</p>	

# INTERNATIONAL SEARCH REPORT

information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10036897	C	03-01-2002	DE 10036897 C1	03-01-2002
			WO 0211216 A1	07-02-2002
			EP 1305834 A1	02-05-2003
			US 2003132461 A1	17-07-2003
US 6515325	B1	04-02-2003	US 2003168683 A1	11-09-2003
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			CN 1330412 A	09-01-2002
			JP 2002110977 A	12-04-2002
			US 2003230782 A1	18-12-2003
			US 2003227015 A1	11-12-2003
			US 2003230760 A1	18-12-2003